

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for displaying audio settings menu of a display apparatus, comprising:

detecting a connection state of audio output terminals, wherein the audio output terminals are speaker output terminals and monitor output terminals, and wherein the connection state is the number of speakers connected to the speaker output terminals and the number of external amplifiers connected to the monitor output terminals, and wherein the detecting step further comprises detecting an audio input by a user and the content of the audio source;

receiving audio source information from audio source content received from the display apparatus;

determining usable audio menus based on the connection state and the audio source content information; and

displaying only the determined usable audio menus on a screen of the display apparatus.

2-4. (Canceled)

5. (Previously Presented) The method according to claim 1, wherein the audio input is varied in accordance with channel alternation of the user.

6. (Previously Presented) The method according to claim 1, wherein the content of the audio source is a broadcast program.

7. (Previously Presented) The method according to claim 1, wherein the audio source is a satellite broadcast, a terrestrial broadcast, a digital signal, or an analog signal.

8. (Previously Presented) The method according to claim 7, wherein the audio source information is obtained by referencing program information or content of an audio stream in an ATSC or the satellite broadcast, and the digital signal is received by referencing the content of a digital signal stream.

9. (Previously Presented) A method for displaying audio settings menu of a display apparatus, comprising:

detecting a connection state of audio output terminals;

receiving audio source information from audio source content received from the display apparatus;

determining usable audio menus based on the connection state and the audio source information, wherein the determining step further comprises a detecting process for detecting the number of channels, whether or not a prologic encoding exists, an existence of a subwoofer channel, an existence of a

multilingual service, and an existence of additional audio services, when the audio source is encoded with an AC-3; and

displaying only the determined usable audio menus on a screen of the display apparatus.

10. (Previously Presented) The method according to claim 1, wherein the determining step further comprises a detecting process for detecting whether or not an audio state of the display apparatus is stereo/mono when the audio source is not encoded with an AC-3.

11. (Previously Presented) The method according to claim 1, wherein the determining step is performed each time a user alters a channel during audition or a program is changed.

12. (Previously Presented) The method according to claim 1, wherein the determining step is performed whenever a user changes an audio input.

13. (Previously Presented) The method according to claim 1, wherein the determining step checks a number of channels and a kind of services present when the audio source is an AC-3/MPEG.

14. (Currently Amended) An apparatus for displaying audio menu of a DTV (digital television) having audio output terminals for outputting an audio signal to an external speaker through the external speaker or an external amplifier and a CPU for displaying an audio menu on the display, the apparatus comprising:

means for detecting audio source content information;

means for detecting a connection state of the audio output terminals, wherein the audio output terminals are speaker output terminals and monitor output terminals, and wherein the connection state is the number of speakers connected to the speaker output terminals and the number of external amplifiers connected to the monitor output terminals; and

means for determining usable audio settings menus based on the connection state and audio source content information, the audio source information being received from audio source content received from the DTV,

wherein only the determined usable audio settings menus are displayed on the display of the DTV.

15-16. (Canceled)

17. (Previously Presented) The method according to claim 1, wherein in the receiving step, the display apparatus is a digital television.